

R E M A R K S

In the above identified office action the examiner has rejected claims 1-7 and 37-39 as unpatentable over Smyth in view of Laing et al. The examiner has concluded it would have been obvious to use the bearing as taught by Laing for the purpose of obtaining radiation without any dissipation. Applicant notes that Laing states (Col. 2, line 2) "one bearing element automatically hugs the other bearing element so that under all operational conditions a predetermined clearance between the bearing elements is maintained. There is no mention of changing the position of the collector mirror, as currently amended, and thus Laing does not teach or make obvious the subject invention. Applicant utilizes support means which can move in response to thermal changes so as to change the position of the collector mirror, thereby maintaining the optical properties regardless of the temperature. Laing does not move the optical element. Thus even if combined with Smyth, there would be no teaching or suggestion of the subject invention.

Thus Laing et al does not teach one skilled in the art how to adjust the positions of the components automatically under a change of thermal conditions. Laing et al only addresses a method to keep two components of a bearing adjusted with respect to each other to maintain the distance therefrom. Thus Laing et al merely addresses the situation near the corresponding surfaces of the bearing without dealing with the problem of maintaining the position of the optical component under bearing thermal conditions as the subject invention does.

Applicant hereby requests reconsideration and reexamination thereof.

With the above amendments and remarks, Applicant believes this application to be ready for allowance and earnestly solicits an early notice of same. Should the Examiner be of the opinion that a telephone conference would expedite prosecution of the subject application, he is respectfully requested to call the undersigned at the below-listed number.

Respectfully submitted,

WELSH & KATZ, LTD.



Gerald T. Shekleton

Registration No. 27,466

Dated: November 10, 2006

WELSH & KATZ, LTD.
120 South Riverside Plaza
22nd Floor
Chicago, Illinois 60606-3912
Telephone (312) 655-1500
Facsimile (312) 655-1501